

WPI search for JP 10140125

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File 351:Derwent WPI 1963-2001/UD,UM &UP=200216
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DIALOG(R)File 351:Derwent WPI

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Rigid reinforcers for panels for use in car body panels - comprises epoxy resin composition containing curative obtained by reacting epoxy amine adduct with amino compound, and carbon black

Patent Assignee: NISSAN MOTOR CO LTD (NSMO)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 10140125	A	19980526	JP 96312572	A	19961111	199831 B

Priority Applications (No Type Date): JP 96312572 A 19961111

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 10140125	A	5	C09J-163/00	

Abstract (Basic): JP 10140125 A

A rigid reinforcer for panels obtd. by laminating an aluminium or stainless steel thin sheet to a sheet material comprises a one pack thermosetting epoxy resin compsn.

The one pack thermosetting epoxy resin compsn. contains:

(1) 100 pts.wt. of an epoxy resin mixt. at a wt. ratio of liq. epoxy resin/solid epoxy resin of 1/9-9/1,

(2) 15-35 pts.wt. of a curative obtd. by reacting an epoxy-amine adduct obtd. by reacting an amino cpd. of formula (I) and an epoxy resin at an equiv. ratio of epoxy gp./amino gp. of 1-2/1 and a phenolic cpd.; and

(3) 1-10 pts.wt. carbon black.

(R1)(R2)N-X-NH2 (I)

R1, R2 = 1-5C alkyl; and

X = 1-5C alkylene.

USE - Used for car body panels.

ADVANTAGE - The rigid reinforcers have high storage stability and curing properties and can cure and exhibit specific functions on adhering to a panel after electrodeposition coating for avoiding corrosion, if necessary, and baking at a relatively low temp. for intermediate and top coats.

Dwg.0/1

Derwent Class: A21; A95; Q22

International Patent Class (Main): C09J-163/00

International Patent Class (Additional): B62D-029/04; C08G-059/50